

Title (en)
Fishing spinning reel

Title (de)
Angelrolle

Title (fr)
Moulinet de pêche

Publication
EP 2111754 A2 20091028 (EN)

Application
EP 09003560 A 20090311

Priority
• JP 2008114969 A 20080425
• JP 2008114970 A 20080425

Abstract (en)
A fishing spinning reel includes: a spool (3); a rotor (2) for the winding of a fishing line around the spool by means of a line guiding portion; an oscillation mechanism (10) having an oscillation gear (14) and adapted to convert the rotary motion of a handle (5) into back-and-forth reciprocating motion of the spool; a switch mechanism (30) having an operation member (31) operable to switch between a restricting state for restricting the rotation of the spool and a free state for setting the spool free; and a return mechanism (50) for returning the switch mechanism (30) in the spool free state to the restricting state by the winding operation of the handle. A return gear (51) for actuating the return mechanism (50) and the oscillation gear (14) are respectively meshed with a first gear (15A) and a second gear (15B) provided on a drive shaft. A meshing portion of the return gear (51) is disposed on a drive gear (7) side relative to a spool shaft (3a), while a meshing portion of the oscillation gear (14) is disposed on an opposite side to the drive gear (7) relative to the spool shaft (3a).

IPC 8 full level
A01K 89/027 (2006.01)

CPC (source: EP US)
A01K 89/0114 (2013.01 - EP US); **A01K 89/027** (2013.01 - EP); **A01K 89/029** (2015.05 - EP US); **A01K 89/03** (2015.05 - EP US)

Citation (applicant)
• EP 1961298 A2 20080827 - DAIWA SEIKO INC [JP]
• JP 2000083527 A 20000328 - SHIMANO SINGAPORE PTE LTD

Cited by
US2022192169A1; US11819013B2; EP2617285A1; CN103210892A; KR20130086167A

Designated contracting state (EPC)
DE FR GB

Designated extension state (EPC)
AL BA RS

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